



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	BARIUM SULPHATE 97.5% AR
Cas No.	7727-43-7
Code No.	B-00351
Batch No.	BC12242074
Mfg.Date	DEC-2024
Date of Analysis	12/12/2024
Retest Date	JAN-2030

TEST	SPECIFICATION	RESULT
Appearance	Fine, white, odorless, tasteless, bulky powder, free from grittiness	Fine, white, odorless, tasteless, bulky powder, free from grittiness
Assay (as BaSO ₄)	97.5 -100.5%	97.95%
Solubility	Practically insoluble in water, in organic solvents, and in solutions of acids and of alkalies	Complies
Identifications	To comply IP, BP, USP tests	Complies
Acidity or alkalinity	To comply IP, BP tests	Complies
pH (10% w/w solution)	3.5 -10.0	7.77
Soluble barium salts	Max 0.001% (to comply IP test)	Complies
Phosphate (PO ₄)	To comply IP tests	Complies
Heavy metal (as Pb)	Max 0.001%	0.0005%
Sulphide (S)	Max 0.5 $\frac{1}{2}$ g/g (to comply IP test)	Complies
Arsenic (As)	Max 0.0002%	0.00003%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on info@biofinechemical.com or call on **+91-7404210730** Website- www.biofinechemical.com